


COULD AN AZURE SQL DATABASE BE USED AS A CLOUD WAREHOUSE?

DATA GUIDE

OBJECTIVE | objectiveit.com



WHAT IS THE DIFFERENCE BETWEEN AZURE SQL DATABASE AND AZURE SYNAPSE ANALYTICS?

Comparing the Azure SQL Database with Azure Synapse Analytics (f.k.a. Azure SQL Data Warehouse), it comes down to a distinction between Online Transaction Processing (OLTP) and Online Analytical Processing (OLAP)

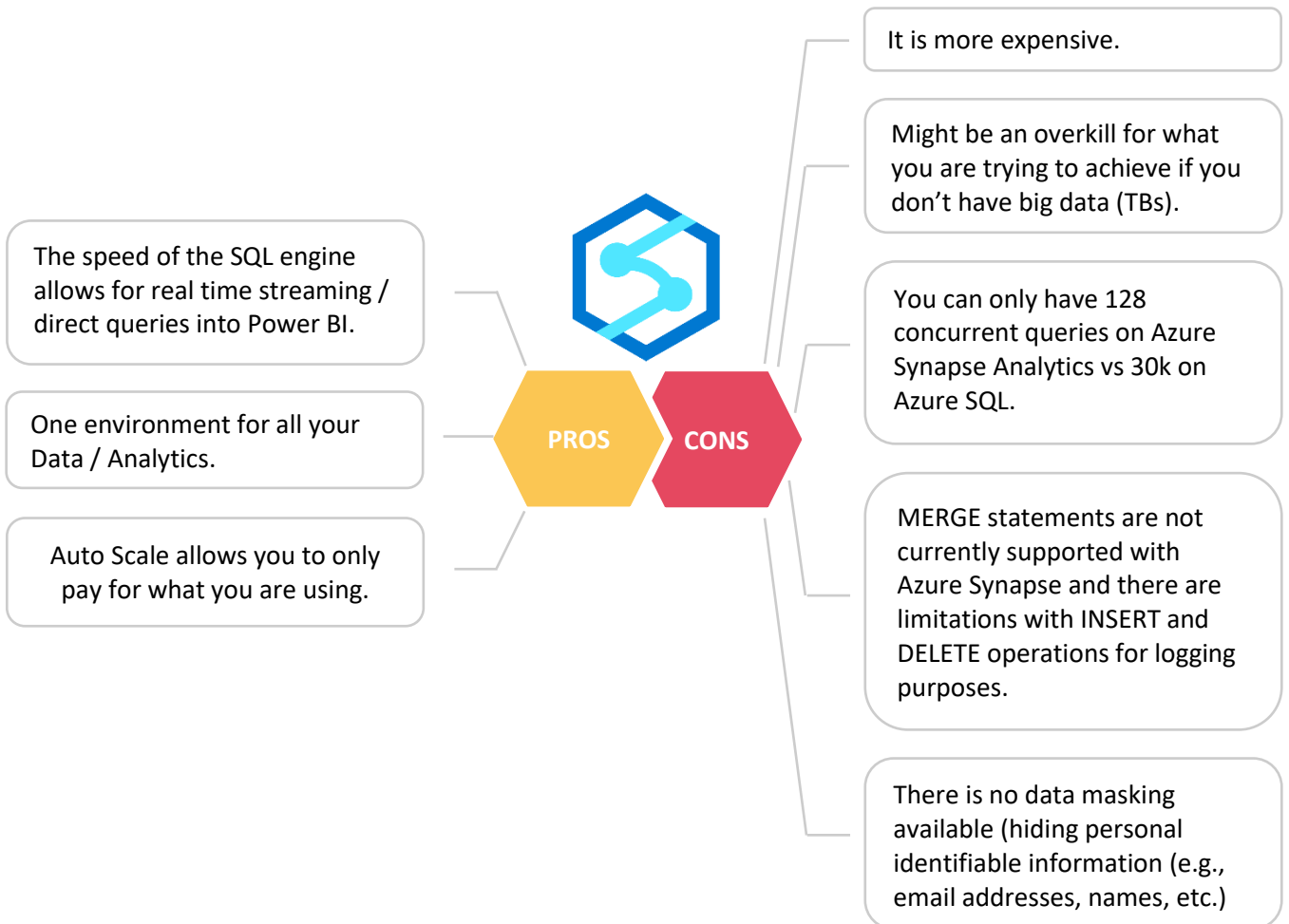
- OLTP = Azure SQL Database / Azure SQL Managed Instance – best at storing/querying data;
- OLAP = Azure Synapse Analytics (f.k.a. Azure SQL Data Warehouse) / Dedicated SQL Pool - tailored to big data (TBs) due to its indexing and parallelisation.

If your organization's use case is for a solution to store data that you are going to import on a regular basis and then perform analytic functions, then your requirements would fit with OLAP.

But in case you need a solution that serves as a backend on a web application, where you will be doing a lot of CRUD (Create, Read, Update and Delete) operations, then your requirements are for a typical SQL Server database or OLTP.

AZURE SYNAPSE ANALYTICS

PROS AND CONS

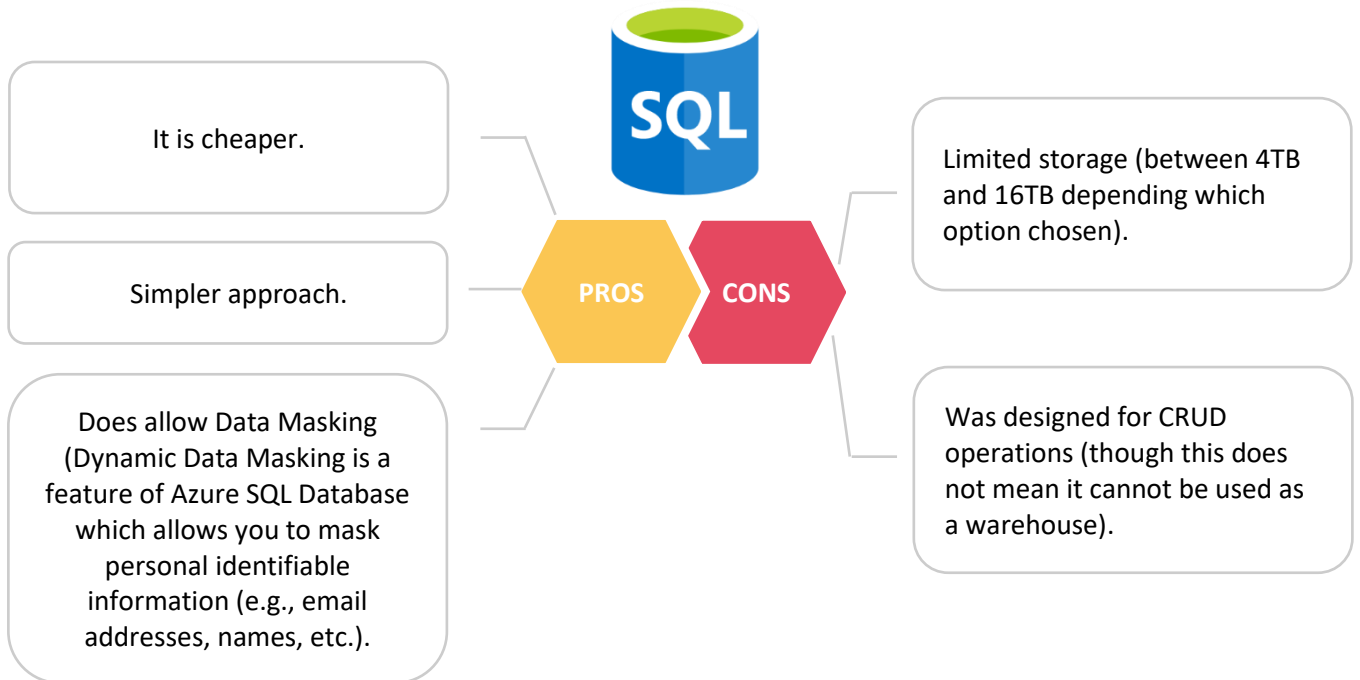


However, you can choose to use Azure SQL database/ Azure SQL Managed Instance (OLTP) solution, that would be used not as a typical SQL Server backend but as a warehouse solution for reporting.



AZURE SQL DATABASE AS A WAREHOUSE

PROS AND CONS



READY TO MIGRATE YOUR RAPIDLY GROWING DATA TO AZURE AND FUTURE- PROOF YOUR REPORTING?

Start working With Us Today!

Let us know the details of your project and we will help you choose the right solution.

Get in touch.

interested@objectiveit.com

+44 (0)1245 955633

